

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the **PATENT APPLICATION** of:

Tsao et al.

**Application No.:** Not Yet Known

**Filed:** Not Yet Known

**For:** TUNABLE OPTICAL ADD-DROP  
MULTIPLEXER BASED ON SOI WAFER  
AND MANUFACTURING METHOD THEREOF

**Group:** Not Yet Known

**Examiner:** Not Yet Known

**Our File:** DEE-PT168

**Date:** April 22, 2004

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form.


Pursuant to Pre-Official Gazette Notice signed July 11, 2003 waiving the requirements under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003, copies of the cited U.S. documents have not been included. Copies of all other cited references are enclosed.

**Applicant:** Tsao et al.  
**Application No.:** Not Yet Known

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Tsao et al.

By   
Robert J. Ballarini  
Registration No. 48,684  
(215) 568-6400

Volpe and Koenig, P.C.  
United Plaza, Suite 1600  
30 South 17th Street  
Philadelphia, PA 19103

RJB/djw  
Enclosures

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)										ATTY. DOCKET NO. DEE-PT168			SERIAL NO. Not Yet Known					
										APPLICANT Tsao et al.								
										FILING DATE Not Yet Known						GROUP Not Yet Known		
U.S. PATENT DOCUMENTS																		
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE					
	AA	5	8	7	5	2	7	2	02/1999	Kewitsch et al.								
	AB	5	9	5	3	4	6	7	09/1999	Madsen								
	AC	6	0	4	7	0	9	6	04/2000	Augustsson								
	AD	6	4	3	8	2	9	3	08/2002	Eldada et al.								
FOREIGN PATENT DOCUMENTS																		
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION					
													YES	NO				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)																		
	AE	Rodney C. Tucker and Richard Lauder, "Optical Add-Droop Multiplexer with Low Crosstalk", IEEE Photonics Technology Letters, vol. 13, No. 6, pp582-584																
	AF	David Mechin, Philippe Grosso, and Dominique Bosc, "Add-Drop Multiplexer With UV-Written Bragg Gratings and Directional Coupler in SiO <sub>2</sub> -Si Intergrated Waveguides", Journal of Lightwave Technology, vol. 19, No. 9, pgs. 1282-1286																
	AG	Shih-Hsiang Hsu, O. King, F.G. Johnson, J.V. Hryniewicz, Y.J. Chen and D.R. Stone, "InGaAs <i>pin</i> detector array intergrated with AlGaAs/GaAs grating demultiplexer by total internal reflector", Electronics Letters vol. 35, No. 15, pp. 1248-1249																
EXAMINER										DATE CONSIDERED								

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.